

Figure 1A

>1891065	CAGTGACCAT	GAAGGCTGTG	CTGCTTGCCC	TGTTGATGGC	AGGCTTGGCC
>1543671	GTGACCAT	GAAGGCTGTG	CTGCTTGCCC	TGTTGATGGC	AGGCTTGGCC
Consensus	CAGTGACCAT	GAAGGCTGTG	CTGCTTGCCC	TGTTGATGGC	AGGCTTGGCC
>1891065	CTGCAGCCAG	GCACTGCCCT	GCTGTGCTAC	TCCTGCAAAG	CCCAGGTGAG
>1543671	CTGCAGCCAG	GCACTGCCCT	GCTGTGCTAC	TCCTGCAAAG	CCCAGGTGAG
Consensus	CTGCAGCCAG	GCACTGCCCT	GCTGTGCTAC	TCCTGCAAAG	CCCAGGTGAG
>1891065	CAACGAGGAC	TGCCTGCAGG	TGGAGAACTG	CACCCAGCTG	GGGGAGCAGT
>1543671	CAACGAGGAC	TGCCTGCAGG	TGGAGAACTG	CACCCAGCTG	GGGGAGCAGT
>1863905	CGAGGAC	TGCCTGCAGG	TGGAGAACTG	CACCCAGCTG	GGGGAGCAGT
Consensus	CAACGAGGAC	TGCCTGCAGG	TGGAGAACTG	CACCCAGCTG	GGGGAGCAGT
>1891065	GCTGGACCGC	GCGCATCCGC	GCAGTTGGCC	TCCTGACCGT	CATCAGCAAA
>1543671	GCTGGACCGC	GCGCATCCGC	GCAGTTGGCC	TCCTGACCGT	CATCAGCAAA
>1863905	GCTGGACCGC	GCGCATCCGC	GCAGTTGGCC	TCCTGACCGT	CATCAGCAAA
Consensus	GCTGGACCGC	GCGCATCCGC	GCAGTTGGCC	TCCTGACCGT	CATCAGCAAA
>1891065	GGCTGCAGCT	TGAACTGCGT	GGATGACTCA	CAGGACTACT	ACGTGGGCAA
>1543671	GGCTGCAGC				
>1863905	GGCTGCAGCT	TGAACTGCGT	GGATGACTCA	CAGGACTACT	ACGTGGGCAA
Consensus	GGCTGCAGCT	TGAACTGCGT	GGATGACTCA	CAGGACTACT	ACGTGGGCAA
>1891065	GAAGAACATC	ACGTGCTGTG	ACACCGACT		
>1863905	GAAGAACATC	ACGTGCTGTG	ACACCGACTT	GTGCAACGCC	AGCGGGGCCC
>1314679		GTGCTGTG	ACACCGACTT	GTGCAACGCC	AGCGGGGCCC
Consensus	GAAGAACATC	ACGTGCTGTG	ACACCGACTT	GTGCAACGCC	AGCGGGGCCC
>1863905	ATGCCCTGCA	GCCGGCTGCC	GCCATCCTTG	CGCTGCTCCC	TGCACTCGGC
>1314679	ATGCCCTGCA	GCCGGCTGCC	GCCATCCTTG	CGCTGCTCCC	TGCACTCGGC
>1647920					CTCGGC
Consensus	ATGCCCTGCA	GCCGGCTGCC	GCCATCCTTG	CGCTGCTCCC	TGCACTCGGC
>1863905	CTGCTGCTCT	GGGGACCC			
>1314679	CTGCTGCTCT	GGGGACCCGG	CCAGCTATAG	GCTCTGGGGG	GCCCCGCTGC
>1647920	CTGCTGCTCT	GGGGACCCGG	CCAGCTATAG	GCTCTGGGGG	GCCCCGCTGC
Consensus	CTGCTGCTCT	GGGGACCCGG	CCAGCTATAG	GCTCTGGGGG	GCCCCGCTGC
>1314679	AGCCCACACT	GGGTGTGGTG	CCCCAGGCCT	CTGTGCCACT	CCTCACAGAC
>1647920	AGCCCACACT	GGGTGTGGTG	CCCCAGGCCT	CTGTGCCACT	CCTCACAGAC
Consensus	AGCCCACACT	GGGTGTGGTG	CCCCAGGCCT	CTGTGCCACT	CCTCACAGAC
>1314679	CTGGCCCAGT	GGGAGCCTGT	CCTGGTTCCT	GAGGCACATC	CT
>1647920	CTGGCCCAGT	GGGAGCCTGT	CCTGGTTCCT	GAGGCACATC	CTAACGCAAG
>1901337	CTGGCCCAGT	GGGAGCCTGT	CCTGGTTCCT	GAGGCACATC	CTAACGCAAG
Consensus	CTGGCCCAGT	GGGAGCCTGT	CCTGGTTCCT	GAGGCACATC	CTAACGCAAG
>1647920	TCTGACCATG	TATGTCTGCA	CCCCTGTNCC	CCACCCTGAC	
>1901337	TCTGACCATG	TATGTCTGCN	CCCCTGTCCC	CCACCCTGAC	CCTCCCATGG
Consensus	TCTGACCATG	TATGTCTGCA	CCCCTGTCCC	CCACCCTGAC	CCTCCCATGG
>1901337	CCCTCTCCAG	GACTCCCACC	CGGCAGATCA	GCTCTAGTGA	CACAGATCCG
Consensus	CCCTCTCCAG	GACTCCCACC	CGGCAGATCA	GCTCTAGTGA	CACAGATCCG

Figure 1B

>1901337	CCTGCAGATG	GCCCCTCCAA	CCCTCTCTGC	TGCTGTTTCC	ATGGCCCAGC
>1722770					CCCAGC
Consensus	CCTGCAGATG	GCCCCTCCAA	CCCTCTCTGC	TGCTGTTTCC	ATGGCCCAGC
>1901337	ATTCTCCACC	CTTAACCCTG	TGCTCAGGCA	CCT	
>1722770	ATTCTCCACC	CTTAACCCTG	TGCTCAGGCA	CCTCTTCCCC	CAGGAAGCCT
Consensus	ATTCTCCACC	CTTAACCCTG	TGCTCAGGCA	CCTCTTCCCC	CAGGAAGCCT
>1722770	TCCCTGCCCCA	CCCCATCTAT	GACTTGAGCC	AGGTCTGGTC	CGTGGTGTCC
Consensus	TCCCTGCCCCA	CCCCATCTAT	GACTTGAGCC	AGGTCTGGTC	CGTGGTGTCC
>1722770	CCCGCACCCA	GCAGGGGACA	GGCACTCAGG	AGGGCCCAGT	AAAGGCTGAG
Consensus	CCCGCACCCA	GCAGGGGACA	GGCACTCAGG	AGGGCCCAGT	AAAGGCTGAG
>1722770	ATGAAGTGGA	CTGAGTAGAA	CTGGAGGACA	AGAGTCGACG	TGAGTTCCTG
>1456048					CCTG
Consensus	ATGAAGTGGA	CTGAGTAGAA	CTGGAGGACA	AGAGTCGACG	TGAGTTCCTG
>1722770	GGAGTCTCCA	GAGATGGGGC	CTGGAGGCCT		
>1456048	GGAGTCTCCA	GAGATGGGGC	CTGGAGGCCT	GGAGGAANGG	NANCAGGCCT
Consensus	GGAGTCTCCA	GAGATGGGGC	CTGGAGGCCT	GGAGGAANGG	NANCAGGCCT
>1456048	CACATTTCGTG	GGGCTCCCTG	AATGGCAGCC	TGAGCACAGC	GTAGGCCCTT
Consensus	CACATTTCGTG	GGGCTCCCTG	AATGGCAGCC	TGAGCACAGC	GTAGGCCCTT
>1456048	AATAAACACC	TGTTGGAT			
Consensus	AATAAACACC	TGTTGGAT			

CCAGGCCT

1891065 BLADTU...
1543671 PROSTU...
1863905 PROSNOT19 INCYTE
1647920 PROSTUT09 g11075 Mst84D
1901337 BLADTUT06 INCYTE
1722770 BLADNOT06 INCYTE
1456048 COLNFET02 INCYTE

Figure 2

